

SESSION 2.5

2070 APPLICATIONS

ECONOLITE ASC/2070 TRAFFIC CONTROL SOFTWARE

RALPH W. BOAZ



ECONOLITE ASC/2070 SOFTWARE

- **ASC/2 FAMILY OF SOFTWARE HAS BEEN ENHANCED TO TAKE ADVANTAGE OF THE PROCESSING POWER AND MULTI-TASKING 2070 ARCHITECTURE**

ECONOLITE ASC/2070 SOFTWARE

- **HIERARCHICAL, INTUITIVE MENU SYSTEM**
 - **ON-LINE CONTEXT SENSITIVE HELP FOR EVERY SCREEN AND TOPIC**
 - **STATUS DISPLAYS FOR EACH OF THE CONTROLLER'S MAIN FUNCTIONS**
- **CONTROL FEATURES**
 - **12 PHASES**
 - **8 CONCURRENT GROUPS**
 - **2 TIMING RINGS**
 - **UP TO 16 OVERLAPS**



ECONOLITE ASC/2070 SOFTWARE

- **COORDINATOR FEATURES**
 - **64 PATTERNS EACH WITH OWN CYCLE, OFFSET AND SPLIT**
 - **3 INTERCONNECT METHODS: PLAN, TS2, AND STANDARD**
 - **AUTOMATIC PERMISSIVE PERIODS**
 - **FIXED OR FLOATING FORCE-OFFS**
- **PREEMPTION FEATURES**
 - **6 PRIORITY AND 4 BUS PREEMPTION SEQUENCES**
 - **OPTIONAL TRANSIT SIGNAL PRIORITY (TSP) SOFTWARE TO BE AVAILABLE**



ECONOLITE ASC/2070 SOFTWARE

- **TIME OF DAY (TOD) FEATURES**
 - **SEPARATE NON-INTERCONNECTED COORDINATION (NIC) AND TOD FUNCTIONS**
 - **16 DAY PROGRAMS**
 - **10 WEEK PROGRAMS**
 - **36 HOLIDAY PROGRAMS (FIXED OR FLOATING)**
 - **200 NIC PROGRAM STEPS**
 - **100 TOD PROGRAM STEPS**

ECONOLITE ASC/2070 SOFTWARE

- **DETECTOR FEATURES**
 - **64 VEHICLE DETECTOR INPUTS**
 - **16 SYSTEM DETECTOR INPUTS**
 - **DETECTORS INDIVIDUALLY ASSIGNABLE TO PHASE AND FUNCTIONS**
 - **LOCK/NON-LOCK FUNCTION BY DETECTOR INPUT**

ECONOLITE ASC/2070 SOFTWARE

- **COMMUNICATION FEATURES**
 - **OPEN SYSTEM PROTOCOL SUPPORT INCLUDING NTCIP AND AB3418**
 - **FULL DATABASE UPLOAD AND DOWNLOAD**
 - **RUNS DIFFERENT PROTOCOLS CONCURRENTLY ON MULTIPLE SERIAL PORTS**



ECONOLITE ASC/2070 SOFTWARE

- **SOFTWARE INSTALLS IN ABOUT 8 MINUTES**
 - **REQUIRES NO USER INTERACTION**
 - **AUTO-CONFIGURES FOR 170, NEMA TS-2, NEMA TS-1 AND 2070/ITS CABINETS**
 - **CUSTOMIZED I/O MAPPING**

